



Manual Type 153

Viking E-10, C-2000A
with Essex ASCII Keypad

For Models

304-A-VIK E10
305-A-VIK E10
400-A-VIK E10
401-A-VIK E10

Specifications

Communication

Viking E-10 Doorbox uses "half-duplex" communication, allowing for high speaker and microphone volume, without the possibility of feedback.

Viking C-2000A allows up to 4 doorphones to share a CO line.

Access Control

Essex K1-26I Keypad field configurable to ASCII, Wiegand and others.

INSTALLATION INSTRUCTIONS

501 E. Goetz Ave.
Santa Ana, Ca 92707

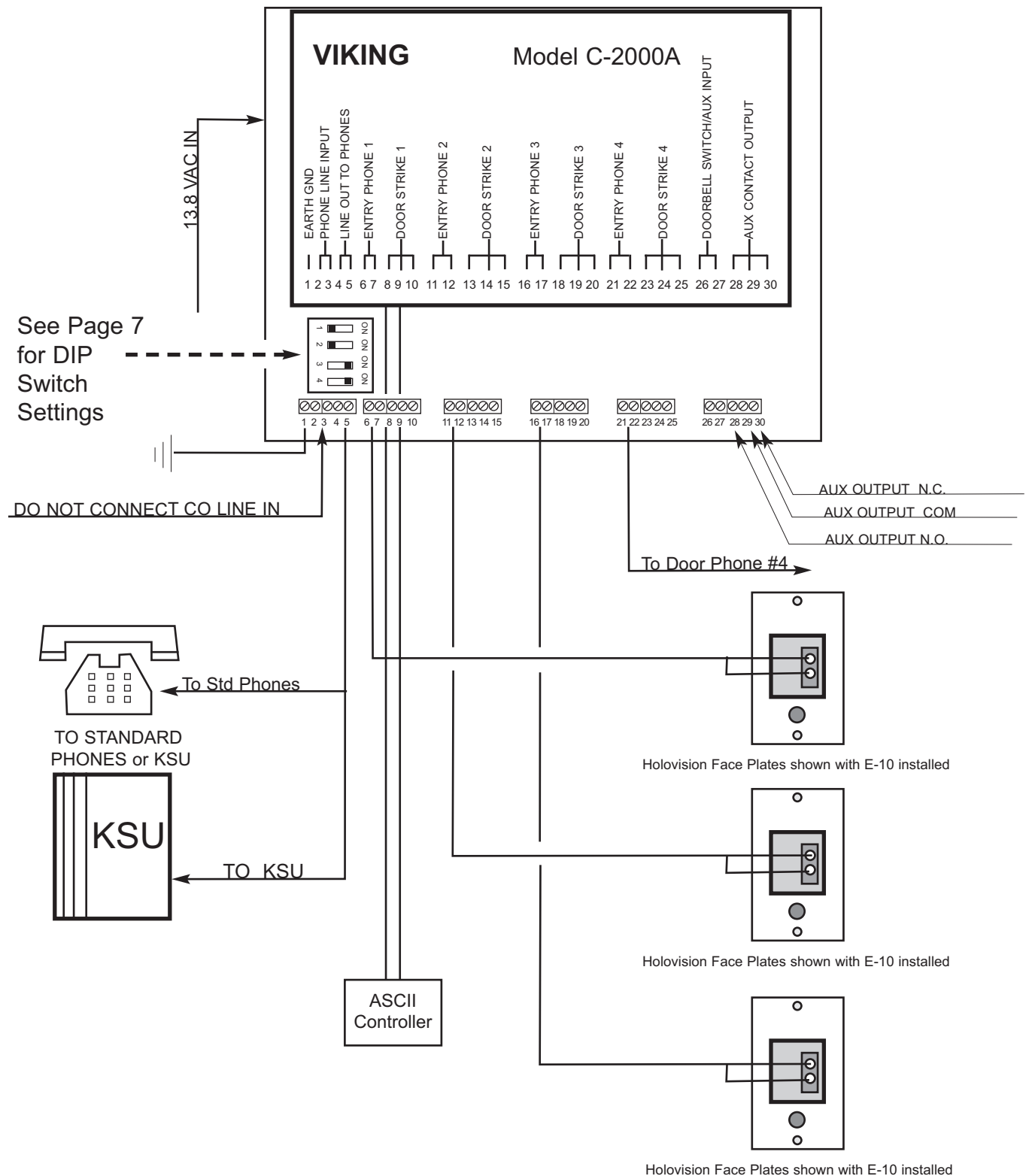
www.eholovision.com

Ph. 714-434-6904
Fax 800-362-0002

HOLOVISION

Viking Intercom Unit

Using C-2000A without a CO Line

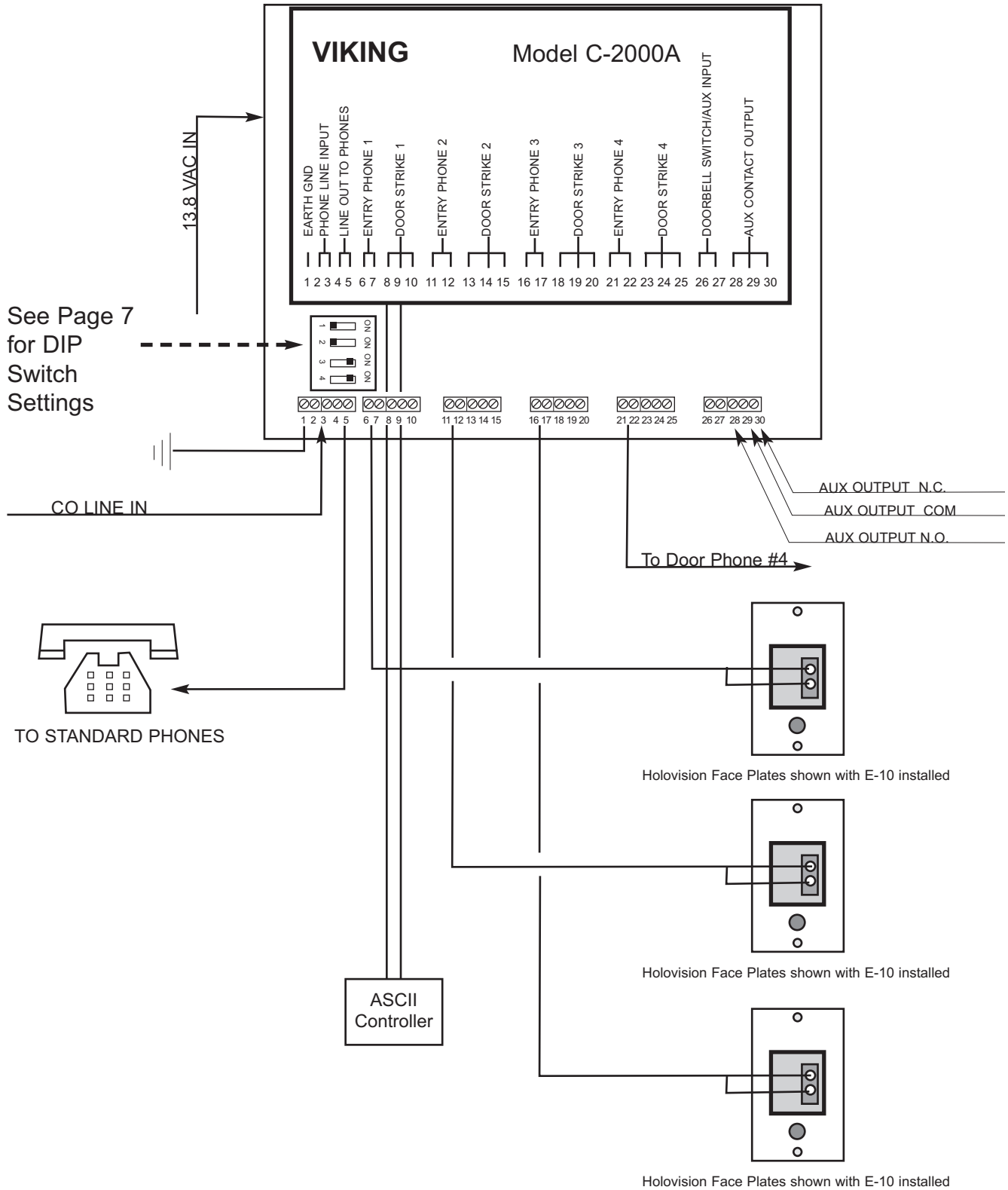


NOTE: See "Doorphone Adjustments and Programming" for adjustments and DIP switch settings on the doorphone.

See "C-2000A Adjustments and Programming" for settings on the doorphone controller.

Viking C-2000A Wiring

Wiring Using Standard Phones - Doorboxes Share CO Line with Phones



NOTE: See "Doorphone Adjustments and Programming" for adjustments and DIP switch settings on the doorphone.

See "C-2000A Adjustments and Programming" for settings on the doorphone controller

Doorphone Programming

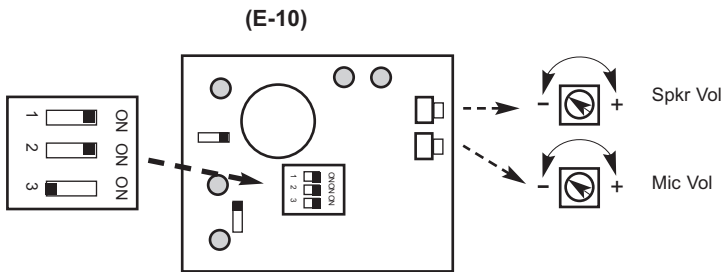
Instructions for E-10 Doorphones

Microphone Volume

In certain noisy locations (traffic or wind), the microphone volume may need to be decreased. A symptom of this is one-way talk path, in which the distant party cannot be heard over the speaker. A **"MIC VOL"** adjustment is provided on the doorphone for increasing or decreasing the microphone volume.

Speaker Volume

The **"SPKR VOL"** pot can be adjusted to increase or decrease the speaker volume to the desired level.

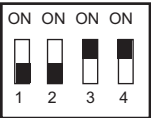


Dip Switch Settings

DIP Switch	Position	Description
1	ON	Auto Answer - Doorphone answers when incoming call is detected.
2	ON	Call Timer - See E-10 manual for a description of this feature. Recommended setting is "ON". This is the factory default.
3	OFF	Programming Mode - E-10 is factory pre-set, and normally does not need re-programming. Refer to E-10 manual (Viking document which is included) for details

Holovision recommends the default settings on the dip switches. See the E-10 manual for more information.

Instructions for C-2000A Controller



Dip Switch Settings C-2000A

DIP Switch	Position	Description
1	OFF	Auxiliary Contact Mode - When any doorphone is activated (button is pushed), the auxiliary contacts will activate for 0.5 second. This is the factory default.
2	OFF	Normal Operation Mode - Normally, this will be in OFF position to program C-2000A. See below.
3	ON	Doorphone automatically disconnect (factory default).
4	ON	Doorphone busy signal enabled (factory default).

Doorphone Programming

Access Programming Mode (Local Access)

STEP	ACTION
1	Move DIP switch 2 from OFF to ON position.
2	Come off-hook with any house phone connected to terminals 4 & 5 LINE OUT TO PHONES .
3	Double beep indicates accessing the programming mode.
4	You can now program the C-2000A. The features covered in this manual are Maximum Doorphone Ring Count and Door Strike Activation Time . For information on programming other features see the Viking C-2000 manual.
5	Move DIP switch 2 back to the OFF position.

Maximum Doorphone Ring Count - Factory Default is 5 Rings

STEP	ACTION
1	Follow steps 1-3 from " Access Programming Mode " (above).
2	At "double beep" enter desired number of rings, followed by #61. Example: For 7 rings, enter "07#61".
3	Hang up the phone.

Program Gate Strike Relays - Factory Default is 0.5 Seconds

STEP	ACTION
1	Follow steps 1-3 from " Access Programming Mode " (above).
2	At "double beep" enter desired number of rings, followed by: #19 for Gate 1, #29 for Gate 2, #39 for Gate 3, #49 for Gate 4 Examples: Set Gate 1 for 8 seconds (08#19); Set Gate 3 for 15 seconds (15#39)
3	Hang up the phone.

Viking Operation

Operation Instructions for C-2000B Controller

ANSWER A CALL FROM DOORBOX

When the phones ring, pick up a phone to be connected to the visitor.

PLACING CO LINE CALLS ON HOLD (CALL WAITING)

If a phone call is in progress, and a doorbox is activated, one to four beeps will be heard (indicating which doorphone is calling). To place the call in progress on hold and speak to the visitor, push #. When you want to return to the original phone call, push #.

ACTIVATING A DOORSTRIKE OR OPENING A GATE

When a call is in progress, press ** to open the gate and return to the original call. If you do not want to open the gate, press # to return to the original call.

Keypad Programming

Set-up Keypad to Transmit ASCII Messages

Step	Action
1	Disconnect keypad from power.
2	Jumper the 2 pins labeled "CONFIG".
3	Connect the keypad to 12 volt DC power.
4	Apply power (4 beeps - Red LED flash, Green LED solid).
5	Press these buttons: "4", "#".
6	Press "214#" to configure the LED illumination to be on at all times.
7	Remove power.
8	Remove "CONFIG" jumper.

Set-up Keypad for "buffered" ASCII

Step	Action
1	Disconnect keypad from power.
2	Connect the pink wire to the black wire.
3	Connect the keypad to 12 volt DC power.
4	Apply power (4 beeps - Red and Green LED flash).
5	Press "6" (2 beeps, Red LED blinks fast, Green blinks slow) (This step sets Baud Rate = 9600).
6	Press "0" (2 beeps, Red LED blinks fast, Green LED on) (This step sets Parity = none).
7	Press "2" (3 beeps, both LEDs go out) (This sets the mode to buffered).
8	Disconnect power, disconnect pink wire from black wire.

